GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:6654
ANSWERED ON:09.05.2000
AVAILABILITY AND NEED OF WATER IN CHANDIGARH
PAWAN KUMAR BANSAL

Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) the present availability and need of water for different purpose in Chandigarh;

(b) the expected quantity of water needed for domestic purposes by the year 2010; and

(c) the steps taken by the Union Government to meet the situation?

Answer

MINISTER OF STATE FOR URBAN DEVELOPMENT (SHRI BANDARU DATTATREYA)

(a): The present availability and need of water for different purposes in Chandigarh is at Annexure.

(b): The expected quantity of water required for domestic purposes with per capita rate of supply of 150 lpcd for the projected population of 10,30,680 in 2010 A.D. is 34.04 Mgd.

(c): The Union Government has approved for execution inJune, 1996 augmentation of water supply scheme Phase-IV for production of additional 20 Mgd of fresh water from Bhakra Canal. The scheme is expected to be completed by the year 2002 A.D. After the completion of this scheme, total fresh water available from various sources in Chandigarh would be 78.50 Mgd. which would be sufficient to meet the domestic water demand of Chandigarh upto 2027 A.D. including other uses (except horticulture) after accounting for system loses and with use of full 10 Mgd of tertiary treated water for which a plant is in existance. In order to meet the water demand for horticulture by reuse/recycling waste water after tertiary treatment, a project for production of 10 Mgd of tertiary treatment of waste water was approved in February, 1987 and plant installed in Chandigarh. Out of the installed capacity of 10 Mgd, Chandigarh Administration to using only 3 Mgd for horticulture at present. Government of India, Ministry of Urban Development hasadvised the UT Administration to use the full 10 Mgd tertiarytreated water for horticulture purposes as well as to create additional capacity of 20 Mgd for treating waste water to tertiary level to meet horticulture demand in future. This would save additional 20 Mgd of fresh water for use for drinking purposes.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO.6654 FOR 9.05.2000.

PRESENT AVAILABILITY OF WATER AS INDICATED BY THE UT OF CHANDIGARH ADMINISTRATION (2000 A.D.)

(i)	Fresh water available in Chandigarh from Bhakra Canal and tubewells	61.00 Mgd
(ii)	Tertiary treated waste water available for Horticulture	3.00 Mgd
	TOTAL Availability	64.00 Mgd

PRESENT NEED OF WATER FOR DIFFERENT USES (2000 A.D.)

(i)	Domestic use with per capita supply of 150 lpcd (as per National Norms) for the projected population of 7,57,853 for 2000 A.D.	25.04 Mgd
(ii)	Industrial/Commercial/Institutional uses	7.69 Mgd

(iii) Horticulture uses 24.40 Mgd

TOTAL Demand: 57.13 Mgd